Deepak Yadav

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EDUCATION

Army Institute of Technology June 2024
B.E. Information Technology

COURSEWORK

Courses: Object-Oriented Programming, Data Structures & Algorithms, Deep learning, Cloud Computing, Database And Management System, Operating system, Machine Learning, Computer Networking and System

SKILLS

Languages: C/C++, Python, Java, JavaScript, HTML/CSS, SQL

Frameworks: React, Node.js, TenserFlow, Keras, WordPress, Bootstrap

Tools: Git/GitHub, VS Code, PyCharm/IDEA, MySQL, Google Colab, SQLite

Platforms: Web, Windows, Android, AWS

Soft Skills: Event Management, Writing, Public Speaking, Time Management

PROJECTS

Water Quality Assessment Device | *Frontend Development*
- An IOT based device which can assess the water quality parameters in real- time and keeps on updating user on water quality from an App. This device (which is a collection of sensors) keeps on pushing the data on server and our App fetches the same from there. If any parameters cross limit of safe value, it alarms the user

PathFinder Visualizer | *JavaScript, HTML/CSS, API , VS Code*
- Simple Pathfinder Visualizer, which visualizes the finding shortest path from one point to another point using graph searching .
- Also visualizes finding the minimum path for travelling salesman problem using Held-Karp algorithm.

NEWS ARTICLE CREDIBILITY |
- Developed a high accuracy NLP based model to rate a news article based on its sensationalism, objectivity, toxicity, political bias, source ranking and fake score.
- Applied the concept of TFidf, Word Clouds, Tokenizers, ML models (Logistic Regression, Support Vector Machines, Naive Bayes, XGBoost Classifier and Random Forest.
- Trained Deep Learning models for Fake News classification (Bi- Directional LSTM), Word2Vec, Bigrams and Trigrams

HONORS AND AWARDS

- Solved more than 500 DSA Problems on various Platforms like LeetCode, GFG, HackerRank, CodeChef
- Flipkart Grid 4.0 Infosec Round 2(Among top 200 in 11k participants)- 07/2022
- Ud-Chalo Scholarship for Merit in First Year and Second Year-(04/2021-04/2022)
- Captain and member of College Kabbadi team various inter-college tournaments
- Joint Secretary of various Clubs and Boards in college i.e Techinal Board, Clutural Board, Sports Club, Coding Club

HOBBIES

- **Indoor**: Listing Music, Gaming, Reading comic **OutDoor**: Playing football and Kabbadi, Travelling and walking